STIC-EIC1600/2900

263424

28

From: COURTNEY BROWN [courtney.brown@uspto.gov]
Sent: Friday, June 13, 2008 12:42 AM
To: STIC-EIC1600/2900
Cc: NPL Feedback
Subject: Database Search Request, Serial Number: 10584489

Requester: COURTNEY BROWN (P/1616)
Art Unit: P/1616
Employee Number: [redacted]
Office Location: REM 04559
Phone Number: (571)270-3284
Mailbox Number:

Case serial Number: 10584489
Class / Subclass(es): 504/715
Earliest Priority Filing Date: 5/12/2004
Format preferred for results:
Attachment: No.
Search Topic Information:
Please search the compound as defined in claim 13. Thanks
Special Instructions and Other Comments:

RECEIVED
JUN 13 2008
EIC 1600/2900

Type of Search
NA #:_____ AA#:_____
Text:_____
Structure #:_____ Text:_____

Vendors:(not where applicable)
DIALOG:_____
STN:_____
DR#:_____

=> fil cap
FILE 'CAPLUS' ENTERED AT 09:42:47 ON 18 JUN 2008
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FILE COVERS 1907 - 18 Jun 2008 VOL 148 ISS 25
FILE LAST UPDATED: 17 Jun 2008 (20080617/ED)

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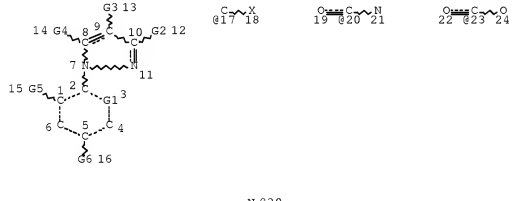

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VAR G6=33/35
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CONNECT IS E2 RC AT 4
CONNECT IS E2 RC AT 6
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CONNECT IS E1 RC AT 32
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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 37

STEREO ATTRIBUTES: NONE
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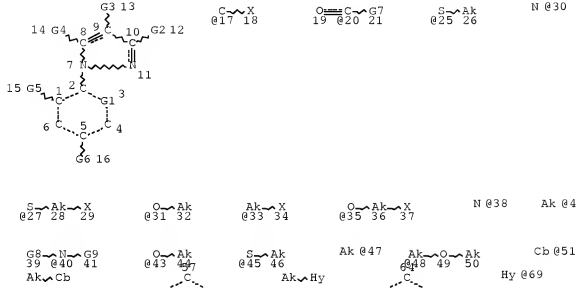
L14 STR



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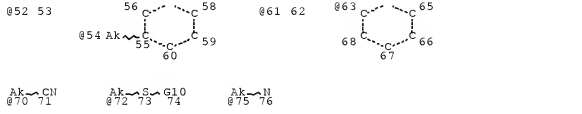
Page 1-B



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VAR G10=33/47

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NUMBER OF NODES IS  73

STEREO ATTRIBUTES: NONE
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L17           7 SEA FILE=CAPLUS ABB=ON  PLU=ON  L16


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FILE LAST UPDATED:                      17 JUN 2008   <20080617/UP>
MOST RECENT THOMSON SCIENTIFIC UPDATE:     200838      <200838/DW>
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>>> IPC Reform backfile reclassifications have been loaded to the end of
    March 2008. No update date (UP) has been created for the
    reclassified documents, but they can be identified by
    20060101/UPIC and 20061231/UPIC, 20070601/UPIC, 20071001/UPIC,
    20071130/UPIC and 20080401/UPIC.
    ECLA reclassifications to April and US national classifications to
    the end of January 2008 have also been loaded. Update dates
    20080401/UPEC and /UPNC have been assigned to these. <<<

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http://www.stn-international.com/archive/presentations/DWPIAnaVist2_0710.pdf

>>> HELP for European Patent Classifications see HELP ECLA, HELP ICO <<<

>>> Please note that the COPYRIGHT notification has changed <<<

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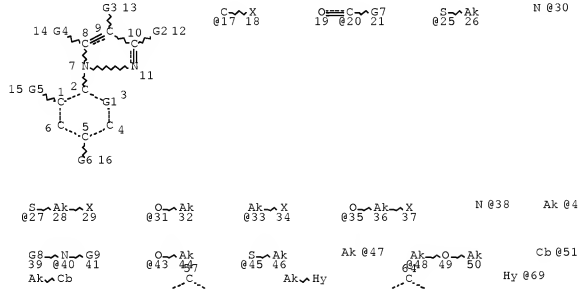

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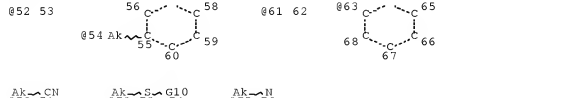
Page 1-B



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VAR G3=H/25/27
VAR G4=30/X/OH/31
VAR G5=H/X
VAR G6=33/35
VAR G7=38/40
VAR G8=H/42
VAR G9=47/33/48/51/52/43/45/54/63/61/69/70/75/72
VAR G10=33/47
NODE ATTRIBUTES:
NSPEC   IS RC     AT  30
NSPEC   IS R      AT  38
NSPEC   IS RC     AT  76
CONNECT IS E2  RC AT   4
CONNECT IS E2  RC AT   6
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DEFAULT MLEVEL IS ATOM
GGCAT   IS SAT  AT  51
GGCAT   IS SAT  AT  53
GGCAT   IS LIN  SAT  AT  54
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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC  56  63
NUMBER OF NODES IS  73

STEREO ATTRIBUTES: NONE
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L20           2 SEA FILE=WPIX ABB=ON  PLU=ON  L19/DCR


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PROCESSING COMPLETED FOR L17
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PROCESSING COMPLETED FOR L20
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                  ANSWERS '1-7' FROM FILE CAPLUS

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L21  ANSWER 1 OF 7  CAPLUS  COPYRIGHT 2008 ACS on STN  DUPLICATE 1
ACCESSION NUMBER:         2005:612018  CAPLUS  Full-text
DOCUMENT NUMBER:          143:92535
TITLE:                    Preparation of 1-phenylpyrazole-3-carboxylic acid
                          derivatives as plant growth regulators
INVENTOR(S):              Bastiaans, Henricus M. M.; Donn, Guenter; Knittel,
                          Nathalie; Martelletti, Arianna; Rees, Richard;
                          Schwall, Michael
PATENT ASSIGNEE(S):       Bayer Cropscience G.m.b.H., Germany
SOURCE:                   PCT Int. Appl., 99 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   2
PATENT INFORMATION:

     PATENT NO.            KIND   DATE        APPLICATION NO.          DATE
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             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
             TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
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     MX 2006PA07384         A     20060809    MX 2006-PA7384           20060623
     IN 2006CN02342         A     20070706    IN 2006-CN2342           20060626
PRIORITY APPLN. INFO.:                         EP 2003-29847        A   20031224
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OTHER SOURCE(S):          CASREACT 143:92535; MARPAT 143:92535
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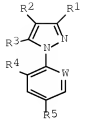

I

AB The 5-substituted-1-arylpyrazole-3-carboxylic acid derivs. I [R1 = CONR6R7 or CO2R8; W = C-halo or N; R2 = H or SOmR9; R3 = NR10R11, halo, OH, alkoxy, alkenyloxy or alkynyloxy; R4 = H or halo; R5 = haloalkyl or haloalkoxy; R6 = H, (halo)alkyl, alkoxyalkyl, etc.; R7 = H, alkyl, alkenyl,alkynyl; R6NR7 = ring; R8 = R7 or (CH2)nR12; R9 = (halo)alkyl; R10, R11 = H, (halo)alkyl,(halo)alkenyl, etc.; R10NR11 = ring; R12 = (un)substituted Ph, etc.; m = 0, 1 or 2; n = 0, 1-4] are prepared as plant growth regulators.

IT 855999-40-5P 855999-41-6P 855999-42-7P
855999-43-8P 855999-44-9P 855999-45-0P
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855999-89-2P 855999-93-8P
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation as plant growth regulator)

RN 855999-40-5 CAPLUS

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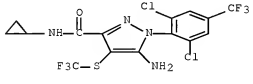

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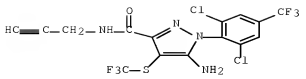

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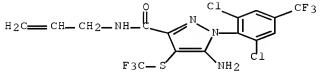

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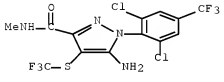

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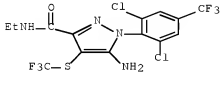

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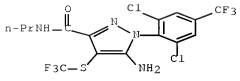

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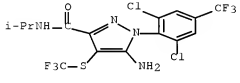

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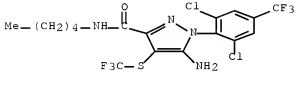

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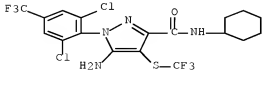

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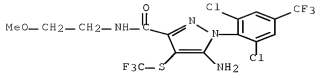
(CA INDEX NAME)



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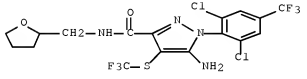

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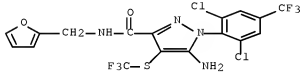

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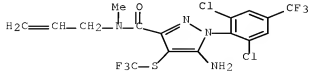

RN 855999-53-0 CAPLUS

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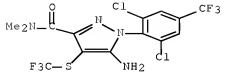
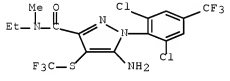
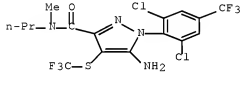


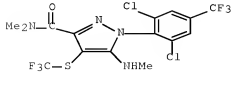
RN 855999-54-1 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-ethyl-N-methyl-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



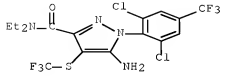
RN 855999-55-2 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-methyl-N-propyl-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



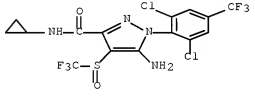
RN 855999-57-4 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N,N-dimethyl-5-(methylamino)-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



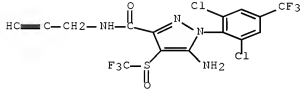
RN 855999-58-5 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N,N-diethyl-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



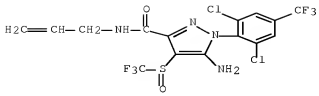
RN 855999-59-6 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-N-cyclopropyl-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



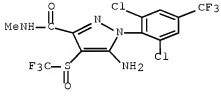
RN 855999-60-9 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-2-propyn-1-yl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



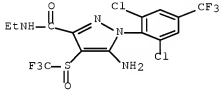
RN 855999-61-0 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-2-propen-1-yl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



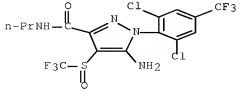
RN 855999-62-1 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-methyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



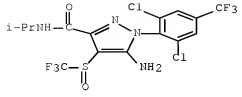
RN 855999-63-2 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-ethyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



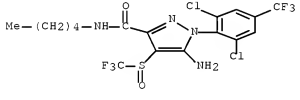
RN 855999-64-3 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-propyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



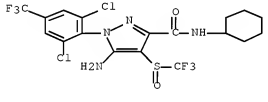
RN 855999-65-4 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-(1-methylethyl)-4-[(trifluoromethyl)sulfinyl]-(CA INDEX NAME)



RN 855999-67-6 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-pentyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



RN 855999-68-7 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-N-cyclohexyl-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



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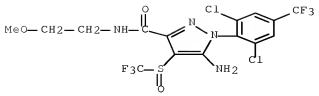
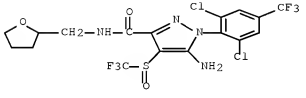
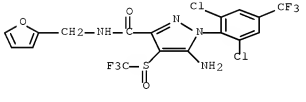
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-(2-methoxyethyl)-4-[(trifluoromethyl)sulfinyl]-(CA INDEX NAME)



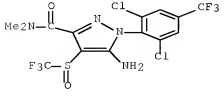
RN 855999-70-1 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-[(tetrahydro-2-furanyl)methyl]-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



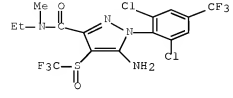
RN 855999-71-2 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-(2-furanylmethyl)-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



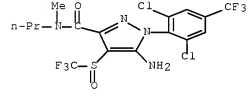
RN 855999-72-3 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N,N-dimethyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



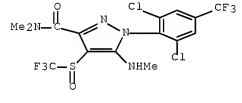
RN 855999-73-4 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-ethyl-N-methyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



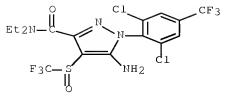
RN 855999-74-5 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-methyl-N-propyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



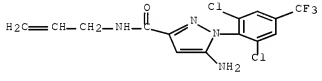
RN 855999-76-7 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N,N-dimethyl-5-(methylamino)-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



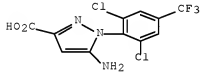
RN 855999-77-8 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N,N-diethyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



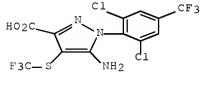
RN 855999-79-0 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-2-propen-1-yl- (CA INDEX NAME)



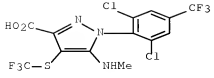
RN 855999-83-6 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



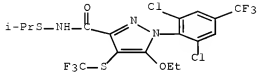
RN 855999-84-7 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



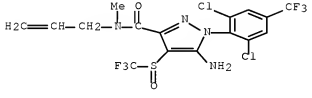
RN 855999-85-8 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-5-(methylamino)-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



RN 855999-89-2 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-5-ethoxy-N-[(1-methylethyl)thio]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



RN 855999-93-8 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-methyl-N-2-propen-1-yl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 2
ACCESSION NUMBER: 2005:582481 CAPLUS Full-text
DOCUMENT NUMBER: 143:73265
TITLE: Preparation of arylpyrazolrcarboxylic acid derivatives as plant growth regulators
INVENTOR(S): Bastiaans, Henricus M. M.; Donn, Guenter; Knittel, Nathalie; Martelletti, Arianna; Rees, Richard; Schwall, Michael
PATENT ASSIGNEE(S): Bayer CropScience G.m.b.H., Germany
SOURCE: Eur. Pat. Appl., 71 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

EP 1550370		A1	20050706	EP 2003-29847	20031224
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
AU 2004308080		A1	20050714	AU 2004-308080	20041215
CA 2550894		A1	20050714	CA 2004-2550894	20041215
WO 2005063020		A1	20050714	WO 2004-EP14272	20041215
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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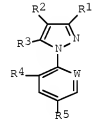
JP 2007516990		T	20070628	JP 2006-545993	20041215
US 20070149406		A1	20070628	US 2006-584489	20060622
MX 2006PA07384		A	20060809	MX 2006-PA7384	20060623
IN 2006CN02342		A	20070706	IN 2006-CN2342	20060626
PRIORITY APPLN. INFO.:				EP 2003-29847 A	20031224
				EP 2004-11252 A	20040512
				WO 2004-EP14272 W	20041215

OTHER SOURCE(S): MARPAT 143:73265

GI



I

AB The 5-substituted-1-arylpyrazole-3-carboxylic acid derivs. I [W = C-halo or N; R1 = CONR6R7 or CO2R8; R2 = H or SOmR9; R3 = halo, OH, alkoxy, etc.; R4 = H or halo; R5 = haloalkyl or haloalkoxy; R6 = H, (halo)alkyl, alkoxy, etc.; R7 = H, alkyl, alkenyl, alkynyl; R6NR7 = heterocyclyl; R8 = H, (hal)alkyl, etc.; R9 = (halo)alkyl; m = 0, 1 or 2] are prepared as plant growth regulators.

IT 855999-40-5P 855999-41-6P 855999-42-7P
855999-43-8P 855999-44-9P 855999-45-0P
855999-46-1P 855999-47-2P 855999-48-3P
855999-49-4P 855999-50-7P 855999-51-8P
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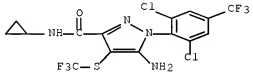
855999-89-2P 855999-93-8P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation as plant growth regulator)

RN 855999-40-5 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-N-cyclopropyl-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



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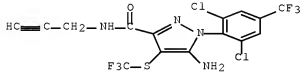
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-2-propyn-1-yl-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



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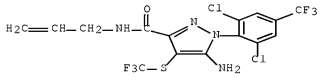

RN 855999-43-8 CAPLUS
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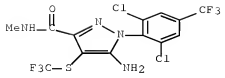
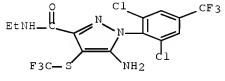
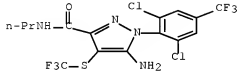


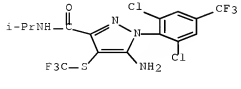
RN 855999-44-9 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-ethyl-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



RN 855999-45-0 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-propyl-4-[(trifluoromethyl)thio]- (CA INDEX NAME)

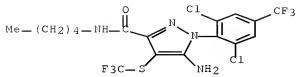


RN 855999-46-1 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-(1-methylethyl)-4-[(trifluoromethyl)thio]- (CA INDEX NAME)

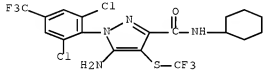


RN 855999-47-2 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-pentyl-4-[(trifluoromethyl)thio]- (CA INDEX

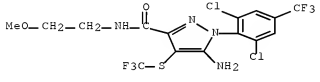
NAME)



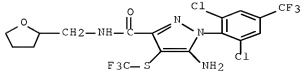
RN 855999-48-3 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-N-cyclohexyl-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



RN 855999-49-4 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-(2-methoxyethyl)-4-[(trifluoromethyl)thio]- (CA INDEX NAME)

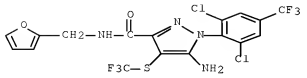


RN 855999-50-7 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-[(tetrahydro-2-furanyl)methyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)

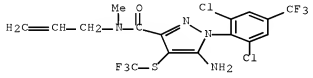


RN 855999-51-8 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-

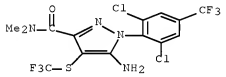
(trifluoromethyl)phenyl]-N-(2-furanylmethyl)-4-[(trifluoromethyl)thio]-
(CA INDEX NAME)



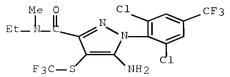
RN 855999-52-9 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-
(trifluoromethyl)phenyl]-N-methyl-N-2-propen-1-yl-4-
[(trifluoromethyl)thio]- (CA INDEX NAME)



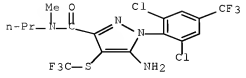
RN 855999-53-0 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-
(trifluoromethyl)phenyl]-N,N-dimethyl-4-[(trifluoromethyl)thio]- (CA
INDEX NAME)



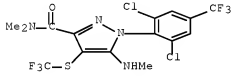
RN 855999-54-1 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-
(trifluoromethyl)phenyl]-N-ethyl-N-methyl-4-[(trifluoromethyl)thio]- (CA
INDEX NAME)



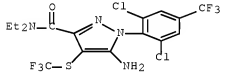
RN 855999-55-2 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-methyl-N-propyl-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



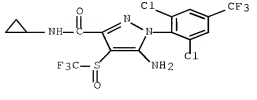
RN 855999-57-4 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N,N-dimethyl-5-(methylamino)-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



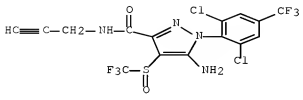
RN 855999-58-5 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N,N-diethyl-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



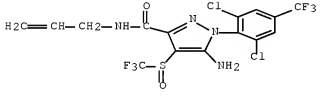
RN 855999-59-6 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-N-cyclopropyl-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



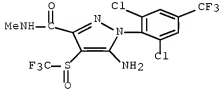
RN 855999-60-9 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-2-propyn-1-yl-4-[(trifluoromethyl)sulfinyl]-(CA INDEX NAME)



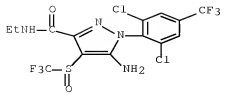
RN 855999-61-0 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-2-propen-1-yl-4-[(trifluoromethyl)sulfinyl]-(CA INDEX NAME)



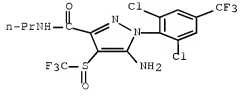
RN 855999-62-1 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-methyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



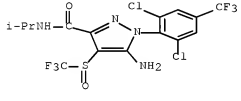
RN 855999-63-2 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-ethyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



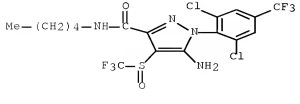
RN 855999-64-3 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-propyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



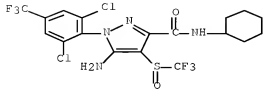
RN 855999-65-4 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-(1-methylethyl)-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



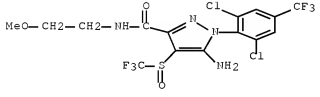
RN 855999-67-6 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-pentyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



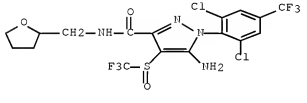
RN 855999-68-7 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-N-cyclohexyl-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



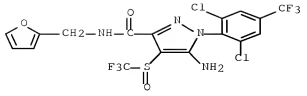
RN 855999-69-8 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-(2-methoxyethyl)-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



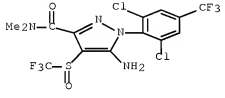
RN 855999-70-1 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-[(tetrahydro-2-furanyl)methyl]-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



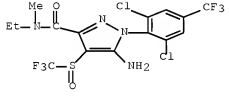
RN 855999-71-2 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-(2-furanylmethyl)-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



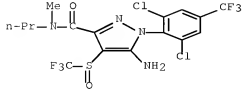
RN 855999-72-3 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N,N-dimethyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



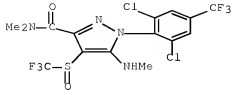
RN 855999-73-4 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-ethyl-N-methyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



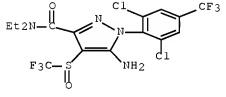
RN 855999-74-5 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-methyl-N-propyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



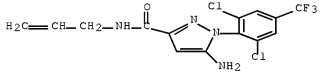
RN 855999-76-7 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N,N-dimethyl-5-(methylamino)-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



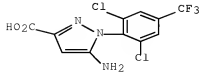
RN 855999-77-8 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N,N-diethyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



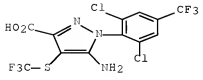
RN 855999-79-0 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-2-propen-1-yl- (CA INDEX NAME)



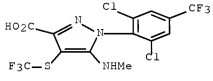
RN 855999-83-6 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



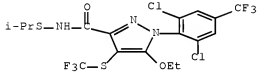
RN 855999-84-7 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



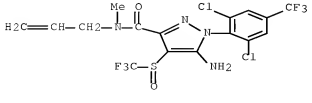
RN 855999-85-8 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-5-(methylamino)-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



RN 855999-89-2 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-5-ethoxy-N-[(1-methylethyl)thio]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



RN 855999-93-8 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-methyl-N-2-propen-1-yl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)

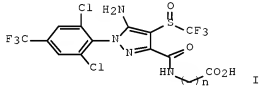


REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2008:51760 CAPLUS Full-text
DOCUMENT NUMBER: 148:215041
TITLE: Preparation of pyrazole derivatives as haptens for immunological analysis of Fipronil
INVENTOR(S): Wang, Chunmei; Cheng, Jingli; Jin, Maojun; Zhu, Guonian
PATENT ASSIGNEE(S): Zhejiang University, Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 13pp. CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 101100457	A	20080109	CN 2007-10070229	20070726
PRIORITY APPLN. INFO.:			CN 2007-10070229	20070726

GI

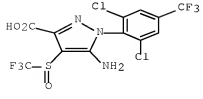


I

AB The title pyrazole derivs. I [wherein n = 1-5] were prepared as haptens for immunol. anal. of residual Fipronil. For example, Fipronil was hydrolyzed in the presence of 85% sulfuric acid to obtain carboxylic acid, followed by treatment with thionyl chloride and reaction with 4-aminobutanoic acid to give I (n = 3). The protein bonded I showed min. Fipronil detection sensitivity of 4.8 μg/L.

IT 385765-64-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of pyrazole derivs. as haptens for immunol. anal. of Fipronil)

RN 385765-64-0 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



L21 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2000:232593 CAPLUS Full-text
DOCUMENT NUMBER: 132:261661
TITLE: 5-Alkoxypyrazole-3-carboxamides and agrochemicals containing them
INVENTOR(S): Okada, Itaru; Tomita, Hirofumi
PATENT ASSIGNEE(S): Mitsubishi Chemical Industries Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000103784	A	20000411	JP 1998-277584	19980930
PRIORITY APPLN. INFO.:			JP 1998-277584	19980930
OTHER SOURCE(S):	MARPAT 132:261661			

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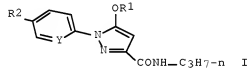
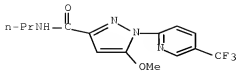


I

AB The compds. I (R1 = C1-4 alkyl, aryl, C1-4 haloalkyl; R2 = halo, C1-4 alkyl, NO2, cyano, CF3; Y = CH, N) are claimed. Agrochems., especially fungicides, containing I as active ingredients are also claimed. I show higher pesticidal activity against fungi resistant to conventional agricultural fungicides and decreased residual toxicity. An emulsion of N-n-propyl-1-(4-bromophenyl)-5-methoxypyrazole-3-carboxamide (preparation given) at 500 ppm completely prevented rice seedlings from blast upon inoculation with Magnaporthe grisea (or Pyricularia oryzae).

IT 263238-04-6P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PNU (Preparation, unclassified); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 5-alkoxypyrazole-3-carboxamides as agrochems. especially agricultural fungicides)
RN 263238-04-6 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 5-methoxy-N-propyl-1-[5-(trifluoromethyl)-2-pyridinyl]- (CA INDEX NAME)



L21 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1994:298625 CAPLUS Full-text
DOCUMENT NUMBER: 120:298625
ORIGINAL REFERENCE NO.: 120:52629a,52632a
TITLE: Preparation of phenylpyrazoles as arthropodicides, nematocides, protozoacides, and anthelmintics
INVENTOR(S): Hatton, Leslie R.; Buntain, Ian G.; Hawkins, David W.; Parnell, Edgar W.; Pearson, Christopher J.
PATENT ASSIGNEE(S): UK
SOURCE: U.S., 76 pp. Cont.-in-part of U.S. Ser. No. 445,153, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

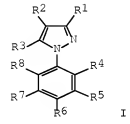
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5232940	A	19930803	US 1990-520290	19900507
IL 86493	A	19921115	IL 1988-86493	19880525
IL 105138	A	19940826	IL 1988-105138	19880525
HU 210668	B	19950628	HU 1991-1577	19880610
US 5547974	A	19960820	US 1993-57669	19930505
FI 9501839	A	19950418	FI 1995-1839	19950418
FI 114153	B1	20040831		
US 5608077	A	19970304	US 1995-454412	19950530
US 5714191	A	19980203	US 1995-453087	19950530
US 5916618	A	19990629	US 1997-947056	19971007
HK 1021820	A1	20060602	HK 2000-100317	19980318
US 6372774	B1	20020416	US 1999-354903	19990716
DK 2002001527	A	20021010	DK 2002-1527	20021010
DK 175878	B1	20050517		

PRIORITY APPLN. INFO.:

GB 1985-31485	A	19851220
US 1986-943132	B1	19861218
GB 1987-13768	A	19870612
GB 1987-13769	A	19870612
US 1988-205238	B1	19880610
US 1988-205299	B1	19880610
US 1989-380333	B1	19890717
US 1989-413134	B1	19890927
US 1989-445153	B2	19891205
IL 1986-81025	A	19861218
IL 1988-86492	A	19880525
DK 1988-3140	L	19880609
FI 1988-2735	A	19880609
HU 1988-3009	A	19880610
US 1990-520290	A3	19900507
US 1993-57669	A3	19930505
US 1995-453087	A1	19950530

US 1996-652921 B1 19960524
US 1997-855876 B3 19970512
HK 1998-102258 A 19980318
US 1998-137313 B3 19980821

OTHER SOURCE(S): MARPAT 120:298625
GI



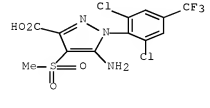
I

AB Title compds. [I; R1 = cyano, nitro, halo, acetyl, formyl, (halo)alkyl, etc.; R2 = R'SO2, R'SO, R'S, halo, cyano, nitro, cycloalkyl, alkenyl, thiocyanato, sulfamoyl, carbamoyl, alkoxycarbonyl, alkanoyl, (halo)alkyl; R' = (substituted) alkyl, alkenyl, alkynyl; R3 = H, (substituted) amino, alkoxycarbonyl, alkoxymethyleneamino, halo, cycloalkyl, cycloalkylcarbonyl, alkylsulfenylamino, trialkylsilylmethyl, etc.; R4-R8 = H, halo, nitro, cyano, (halo-substituted) alkyl, alkoxy, alkylthio, alkylsulfinyl, alkylsulfonyl], were prepared Thus, fuming nitric acid was added dropwise to 5-acetamido-3-bromo-1-(2,6-dichloro-4- trifluoromethylphenyl)pyrazole and acetic anhydride in acetic acid; the mixture was stirred at 60° for 5 h to give 5-acetamido-3-bromo-1-(2,6- dichloro-4-trifluoromethylphenyl)-4-nitropyrazole. Several I were effective against Plutella xylostella larvae, all stages of Megoura viciae, and Spodoptera littoralis larvae.

IT 111245-75-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, as intermediate for phenylpyrazole arthropodicide, nematocide, and anthelmintic)

RN 111245-75-1 CAPLUS

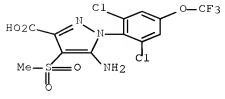
CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-(methylsulfonyl)- (CA INDEX NAME)



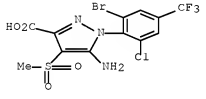
IT 120069-05-8P 154807-35-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as intermediate for arthropodicide, nematocide, and anthelmintic)

RN 120069-05-8 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-(methylsulfonyl)- (CA INDEX NAME)



RN 154807-35-9 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2-bromo-6-chloro-4-(trifluoromethyl)phenyl]-4-(methylsulfonyl)- (CA INDEX NAME)



L21 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1990:35845 CAPLUS Full-text
DOCUMENT NUMBER: 112:35845
ORIGINAL REFERENCE NO.: 112:6205a,6208a
TITLE: N-phenylpyrazole derivatives as pesticides for plants, animals, and man, and their preparation, compositions, and use
INVENTOR(S): Buntain, Ian George; Hatton, Leslie Roy; Hawkins, David William; Pearson, Christopher John; Roberts, David Alan
PATENT ASSIGNEE(S): May and Baker Ltd., UK
SOURCE: Eur. Pat. Appl., 40 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 295117	A1	19881214	EP 1988-305306	19880610
EP 295117	B1	20000405		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
IL 86492	A	19930708	IL 1988-86492	19880525
IL 105138	A	19940826	IL 1988-105138	19880525
DK 8803140	A	19881213	DK 1988-3140	19880609
DK 175070	B1	20040524		
FI 8802735	A	19881213	FI 1988-2735	19880609
FI 100329	B	19971114		

FI 100329	B1	19971114			
NO 8802551	A	19881213	NO 1988-2551		19880609
NO 175367	B	19940627			
NO 175367	C	19941005			
AU 8817554	A	19881215	AU 1988-17554		19880609
AU 618266	B2	19911219			
RO 100612	B1	19920707	RO 1988-133912		19880609
RO 106496	B1	19930531	RO 1988-144353		19880609
JP 63316771	A	19881226	JP 1988-143451		19880610
ZA 8804179	A	19890222	ZA 1988-4179		19880610
HU 48875	A2	19890728	HU 1988-3009		19880610
HU 203729	B	19910930			
PL 153478	B1	19910430	PL 1988-272998		19880610
CA 1330089	C	19940607	CA 1988-569272		19880610
HU 210668	B	19950628	HU 1991-1577		19880610
SK 278972	B6	19980506	SK 1988-4052		19880610
CZ 285151	B6	19990512	CZ 1988-4052		19880610
EP 967206	A1	19991229	EP 1999-113797		19880610
EP 967206	B1	20051019			
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE					
AT 191479	T	20000415	AT 1988-305306		19880610
ES 2144390	T3	20000616	ES 1988-305306		19880610
AT 307118	T	20051115	AT 1999-113797		19880610
ES 2251806	T3	20060501	ES 1999-113797		19880610
CN 88103601	A	19881228	CN 1988-103601		19880611
CN 1027341	B	19950111			
KR 9701475	B1	19970206	KR 1988-7045		19880611
BR 8803258	A	19890131	BR 1988-3258		19880613
DD 281744	A5	19900822	DD 1988-316723		19880613
DD 281744	B5	19970220			
RU 2051909	C1	19960110	RU 1991-4894762		19910315
FI 9501839	A	19950418	FI 1995-1839		19950418
FI 114153	B1	20040831			
HK 1005289	A1	20010209	HK 1998-102258		19980318
HK 1021820	A1	20060602	HK 2000-100317		19980318
GR 3033663	T3	20001031	GR 2000-401350		20000614
DK 2002001527	A	20021010	DK 2002-1527		20021010
DK 175878	B1	20050517			

PRIORITY APPLN. INFO.:

GB 1987-13768	A	19870612
IL 1988-86492	A	19880525
DK 1988-3140	L	19880609
FI 1988-2735	A	19880609
EP 1988-305306	A3	19880610
HU 1988-3009	A	19880610
HK 1998-102258	A	19980318

OTHER SOURCE(S): MARPAT 112:35845

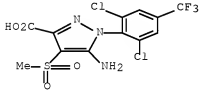
GI

I

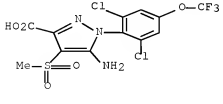
AB The title compds. [I; R1 = cyano, NO2, halo, Ac, CHO; R2 = R5S(O)n where n = 0, 1, or 2; R5 = (≤1 halo-substituted) straight- or branched-chain ≥4 alkyl, alkenyl, or alkynyl; R3 = H, NR6R7, halo, straight- or branched-chain C2-5 alkoxymethyleneamino (un)substituted on methylene by a straight- or branched-chain C1-4 alkyl; R6, R7 = H, straight- or branched-chain ≤5 alkyl, alkenylalkyl, or alkynylalkyl, CHO, (≤1 halo-substituted) straight- or branched-chain C2-5 alkanoyl or alkoxycarbonyl, or NR6R7 = 5- or 6-membered cyclic imido; R4 = 2- or 6-halo- or 4-straight- or branched-chain (Cl- or Br-substituted) alkyl- or alkoxy-substituted phenyl; with the exclusion of the compound wherein R1 = cyano, R2 = MeSO2, R3 = NH2 and R4 = 2,6,4-Cl2(CF3)C6H2], useful for control of arthropod, plant nematode, helminth and protozoan pests (no data except insects), were prepared A stirred solution of 20 g 5-amino-3-cyano-1-(2,6-dichloro-4- trifluoromethylphenyl)pyrazole in CH2Cl2 was treated dropwise with a solution of 10.8 g CF3SCl in CH2Cl2 during 1 h. The resulting solution was stirred overnight at room temperature to give 24.2 g 5-amino-3-cyano-1-(2,6-dichloro-4- trifluoromethylphenyl)-4-trifluoromethylthiopyrazole (II). I at <500 ppm caused at least 65% mortality against Plutella xylostella larvae. A water-soluble concentrate was formulated from II 7, Ethylan BCP 10% w/v and N-methylpyrrolidone 1004 by volume

IT 111245-75-1P 120069-05-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, in preparation of phenylpyrazole pesticides)

RN 111245-75-1 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-(methylsulfonyl)- (CA INDEX NAME)



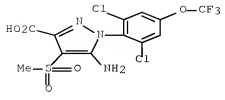
RN 120069-05-8 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-(methylsulfonyl)- (CA INDEX NAME)



IT 120069-05-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, in preparation of phenylpyrazole pesticide)

RN 120069-05-8 CAPLUS
CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-

(trifluoromethoxy)phenyl]-4-(methylsulfonyl)- (CA INDEX NAME)



L21 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1987:613615 CAPLUS Full-text
DOCUMENT NUMBER: 107:213615
ORIGINAL REFERENCE NO.: 107:34179a,34182a
TITLE: Preparation of N-phenylpyrazoles as insecticides, nematocides, acaricides, and anthelmintics
INVENTOR(S): Hatton, Leslie Roy; Hawkins, David William; Parnell, Edgar William; Pearson, Christopher John; Roberts, David Alan
PATENT ASSIGNEE(S): May and Baker Ltd., UK
SOURCE: PCT Int. Appl., 191 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8703781	A1	19870702	WO 1986-GB781	19861219
W: BR				
CA 1311242	C	19921208	CA 1986-525574	19861217
DK 8606139	A	19870621	DK 1986-6139	19861218
DK 175129	B1	20040607		
FI 8605195	A	19870621	FI 1986-5195	19861218
FI 93445	B	19941230		
FI 93445	C	19950410		
AU 8666733	A	19870625	AU 1986-66733	19861218
AU 587676	B2	19890824		
ZA 8609526	A	19880727	ZA 1986-9526	19861218
DD 265318	A5	19890301	DD 1986-297911	19861218
IL 81025	A	19910310	IL 1986-81025	19861218
PL 158243	B1	19920831	PL 1986-263083	19861218
PL 160050	B1	19930226	PL 1986-273280	19861218
RU 2106783	C1	19980320	RU 1986-4028776	19861218
CN 86108643	A	19870729	CN 1986-108643	19861219
CN 1025811	B	19940907		
EP 234119	A1	19870902	EP 1986-309981	19861219
EP 234119	B1	19940824		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 62228065	A	19871006	JP 1986-303598	19861219
JP 07062000	B	19950705		
HU 45022	A2	19880530	HU 1986-5365	19861219
HU 203083	B	19910528		
BR 8607230	A	19881206	BR 1986-7230	19861219

EP 579280	A1	19940119	EP 1993-115360		19861219
EP 579280	B1	19960228			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE					
ES 2058063	T3	19941101	ES 1986-309981		19861219
AT 134476	T	19960315	AT 1993-115360		19861219
ES 2084430	T3	19960501	ES 1993-115360		19861219
RU 2035452	C1	19950520	RU 1987-4203543		19871027
RU 2080789	C1	19970610	RU 1987-4203558		19871027
RU 2087470	C1	19970820	RU 1991-4894748		19910322
PRIORITY APPLN. INFO.:			GB 1985-31485	A	19851220
			WO 1986-GB781	A	19861219

OTHER SOURCE(S): MARPAT 107:213615

GI

AB The phenylpyrazoles I (Y = halo, CN, NO2, RSO2, RSO, RS; R = C1-6 alkyl, haloalkyl, C3-5 cycloalkyl, C2-8 alkenyl, etc.; Z = Z = H, NR1R2, alkylsulfenylamino, alkoxymethyleneamino, etc.; R1, R2 = H, alkyl, alkoxycarbonylalkyl, cycloalkyl, formyl, alkanoyl, etc.; R3 = halo, alkyl, alkoxy, alkylthio, alkylsulfinyl, NO2, CN, etc.; R4 = halo, CN, NO2, alkyl, etc.; n = 1-5) and I salts are prepared as pesticides. 2-Chloro-1,1-dicyano-2-trifluoromethylethylene in Et2O was added to 2,6-dichloro-4-trifluoromethylphenylhydrazine (preparation given) in Et2O in the presence of K2CO3 to give 5-amino-4-cyano-1-(2,6-dichloro-4- trifluoromethylphenyl)-3-trifluoromethylpyrazole (III). Exposure to turnip leaves treated with 500 ppm III was lethal to 2nd instar Plutella xylostella larvae. A dusting powder was made of 10% IV and 90% talc.

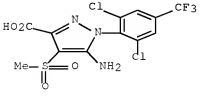
IT 111245-75-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, with thionyl chloride)

RN 111245-75-1 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-(methylsulfonyl)- (CA INDEX NAME)



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L3            99 SEA SSS FUL L1

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     FILE 'REGISTRY' ENTERED AT 09:16:48 ON 18 JUN 2008
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L6             6 SEA SUB=L3 SSS SAM L5
L7            80 SEA SUB=L3 SSS FUL L5

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L10            0 SEA SUB=L3 SSS FUL L9
L11               STR L5
L12            5 SEA SUB=L3 SSS SAM L11
L13           56 SEA SUB=L3 SSS FUL L11
L14               STR L11
L15            4 SEA SUB=L3 SSS SAM L14
L16           46 SEA SUB=L3 SSS FUL L14

     FILE 'CAPLUS' ENTERED AT 09:40:50 ON 18 JUN 2008
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     FILE 'MARPAT' ENTERED AT 09:41:02 ON 18 JUN 2008
L*** DEL       2 S L16
L*** DEL      42 S L16 FUL

     FILE 'WPIX' ENTERED AT 09:42:15 ON 18 JUN 2008
L18            4 SEA SSS SAM L14
L19           18 SEA SSS FUL L14
L20            2 SEA ABB=ON  PLU=ON  L19/DCR

     FILE 'CAPLUS' ENTERED AT 09:42:47 ON 18 JUN 2008
                D QUE L17

     FILE 'WPIX' ENTERED AT 09:42:56 ON 18 JUN 2008
                D QUE L20

     FILE 'CAPLUS, WPIX' ENTERED AT 09:43:02 ON 18 JUN 2008
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                     ANSWERS '1-7' FROM FILE CAPLUS
                D L21 IBIB ABS HITSTR TOT
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